

## ABSTRACT OF THE DISCLOSURE

### METHOD OF ALLOCATION FOR A BROADCASTING MEDIUM

A method for the allocation of access to a broadcasting medium by several stations is disclosed. The method comprises encoding the identifier  $I$  of each of the stations, on a number  $n$  of bits  $b_1, b_2, \dots, b_n$ , using two symbols corresponding respectively to a reception state and to a transmission state. For any unspecified station  $S_i$ , during an attempt to make transmission, starting at a given identification slot for  $i$  varying from 1 to  $n$ , if the value of  $b_i$  is equal to the symbol corresponding to the reception state, the station  $S_i$  receives during the slot  $k+i-1$ . If the station detects a signal sent by another station the station considers itself not to be chosen. If the station detects nothing, the station continues to scan the bits  $b_i$ . If the value of  $b_i$  is equal to the symbol corresponding to the transmission state, the station transmits during the slot  $k+i-1$ . The medium is allocated to the station that has performed without receiving the transmission symbol.